



PhD Scholar position under Kakatiya Grassroot Innovation Projects (K-GRIP) funded project of BITS, Pilani

Applications are invited for the position of **PhD Scholar** in the Department of Chemistry at BITS Pilani, K. K. Birla Goa Campus, Goa for a **Kakatiya Grassroot Innovation Projects (K-GRIP) funded project of BITS, Pilani**, titled “**Piloting environment friendly ultraviolet-c light emitting diode technology for safe drinking water**” (KGP/25/1013).

Principal Investigator: Prakash Halan, Chemistry, Goa

Broad area of Research: Chemistry and Biology interdisciplinary, and Water Analysis and Treatment. The candidate will have the opportunities to work on pollutant analysis in water matrices (in real tap and wastewater) and investigate remediation by various technologies like adsorption, photolytic, photocatalytic, and disinfection technologies. The work involves visiting fields for sample collection, testing and piloting in lab and field. The work will be focused to achieve sustainable implementation and evaluations in rural settings, and to enhance the safe water accessibility.

Duration of the project: 5 years , Fellowship Amount (Rs.): ₹ 37000/ pm for first two years, and ₹ 42000/pm for third to fifth year*.

Accommodation: Hostel accommodation will be provided subject to availability and will be governed by the rules and regulations of the Institute prevailing at the time of joining of the candidate.

Qualification: Post Graduate Degree in Basic Science (Chemistry /Biological Sciences-microbiology and Environmental Sciences), OR Graduate/Post Graduate in Degree in Professional Course (M.Tech in Biotechnology and Environmental Science/technology) selected through a process described through any one of the following:-

1. Scholars who are selected through National Eligibility Tests- CSIR–UGC NET including (Assistant Professorship/PhD only/JRF) and GATE will be preferred.
2. The Selection process through National level examinations conducted by central Government departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, IIT, IISc, IISER etc.

How to Apply: Interested candidates may send application and curriculum vitae with details of research experience to the principal investigator by email: halanprakash@goa.bits-pilani.ac.in by **July 10th, 2026**. Only shortlisted candidates will be contacted via e-mail for online and Personal interview to be held at BITS Pilani, Goa Campus. No TA/DA will be paid for the personal Interview.

*Shortlisted student will be called for a personal interview for final PhD degree admission at BITS Pilani, K. K. Birla Goa Campus (Rules of PhD program for BITS Pilani are applicable). There will be periodic performance evaluation as per the institute norms for PhD program.

